

WHAT IS CLAIMED IS:

- 1 1. A method to be performed in a wireless phone, comprising:
2 receiving, from a source, a first message having a first beacon
3 activation command; and
4 activating a beacon per the command.
- 1 2. The method of claim 1, further comprising embedding location
2 information into the beacon.
- 1 3. The method of claim 1, further comprising sending a message
2 having location information to the source.
- 1 4. The method of claim 1, further comprising displaying a warning
2 message of pending beacon activation.
- 1 5. The method of claim 1, wherein the first beacon activation
2 command includes beacon parameters.
- 1 6. The method of claim 5, further comprising receiving a second
2 message having a second beacon activation command, the second
3 beacon activation command having different parameters than the first
4 beacon activation command.
- 1 7. The method of claim 6, wherein the beacon parameters include
2 beacon power, beacon cadence, beacon duration.

1 8. The method of claim 1, wherein activating uses default beacon
2 parameters if the beacon activation command does not include
3 parameters.

1 9. The method of claim 1, further comprising:
2 determining to enter a power save mode; and
3 if it is determined to enter the power save mode then
4 turning off a receiver in the wireless phone, and
5 activating the beacon per power save beacon parameters.

1 10. The method of claim 1, wherein the first message includes a SMS
2 text message.

1 11. A wireless phone, comprising:
2 means for receiving, from a source, a first message having a first
3 beacon activation command; and
4 means for activating a beacon per the command.

1 12. A computer-readable medium for storing instructions to cause a
2 wireless phone to perform a method, the method comprising:
3 receiving, from a source, a first message having a first beacon
4 activation command; and
5 activating a beacon per the command.

1 13. The computer-readable medium of claim 12, the method further

2 comprising embedding location information into the beacon.

1 14. The computer-readable medium of claim 12, the method further
2 comprising sending a message having location information to the source.

1 15. The computer-readable medium of claim 12, the method further
2 comprising displaying a warning message of pending beacon activation.

1 16. The computer-readable medium of claim 12, wherein the first
2 beacon activation command includes beacon parameters.

1 17. The computer-readable medium of claim 16, the method further
2 comprising receiving a second message having a second beacon
3 activation command, the second beacon activation command having
4 different parameters than the first beacon activation command.

1 18. The computer-readable medium of claim 17, wherein the beacon
2 parameters include beacon power, beacon cadence, beacon duration.

1 19. The computer-readable medium of claim 12, wherein the activating
2 uses default beacon parameters if the beacon activation command does
3 not include parameters.

1 20. The computer-readable medium of claim 12, the method further
2 comprising:

3 determining to enter a power save mode; and
4 if it is determined to enter the power save mode then

5 turning off a receiver in the wireless phone, and
6 activating the beacon per power save beacon parameters.

1 21. The computer-readable medium of claim 12, wherein the first
2 message includes a SMS text message.

1 22. A wireless phone, comprising:

2 a communications engine, communicatively coupled to a wireless
3 transceiver, capable to receive, from a source, a first message having a
4 first beacon activation command via the transceiver; and

5 a beacon engine, communicatively coupled to the communications
6 engine and to the transceiver, capable to transmit a beacon via the
7 transceiver upon receipt of the first message having a beacon activation
8 command.

1 23. The phone of claim 22, further comprising a location determining
2 device communicatively coupled to the beacon engine, and wherein the
3 beacon engine is further capable to embed location information into the
4 beacon.

1 24. The phone of claim 22, further comprising a location determining
2 device communicatively coupled to the beacon engine, and wherein the
3 beacon engine is further capable to send a message having location
4 information to the source.

1 25. The phone of claim 22, further comprising an interface engine,

2 communicatively coupled to the communications engine, capable to
3 display a warning message of pending beacon activation.

1 26. The phone of claim 22, wherein the first beacon activation
2 command includes beacon parameters and wherein the beacon engine
3 transmits the beacon according to the beacon parameters.

1 27. The phone of claim 26, wherein the communications engine is
2 further capable to receive a second message having a second beacon
3 activation command, the second beacon activation command having
4 different parameters than the first beacon activation command, and
5 wherein the beacon engine is further capable to transmit the beacon
6 according to the beacon parameters of the second beacon activation
7 command.

1 28. The phone of claim 27, wherein the beacon parameters include
2 beacon power, beacon cadence, beacon duration.

1 29. The phone of claim 22, wherein the beacon engine uses default
2 beacon parameters if the beacon activation command does not include
3 parameters.

1 30. The phone of claim 22, wherein the beacon engine is further cable
2 to:
3 determine to enter a power save mode; and
4 if it is determined to enter the power save mode then to

5 turn off a receiver in the transceiver, and
6 transmit the beacon per power save beacon parameters.

1 31. The phone of claim 22, wherein the first message includes a SMS
2 text message.

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